FOR MYSORE STATE

Public (C.P.) (1953) Department.

~~Public (C.P.)~~ MB SERIES.

G.O. MB NO. 1181

Dated 5-5-1953

passed
25/5/53
Superintendent.
25/5/53

G.O. at P 34

[Despatch Abstract.]

Community projects. South Kanara Dt. Drinking water supply - constructing a well in Kodur village - Estimate - sanctioned.

Ref.C.No. 419/53/C ~~1169/53-C~~.

8424

Office of the Project Executive Officer,
South Kanara, Mangalore, Dt. 25-4-1953.

ACCTS. (COMMUNITY PROJECTS)
29 APR 1953
PUBLIC (C.P.) DEPARTMENT
MADRAS

From

Sri G.Simhadri, B.A.,
Project Executive Officer,
Mangalore.

To

The Director of Community Projects
and Ex-Officio Secretary to Govt.,
Fort St.George, Madras-9.

.....

Sir,

Sub: Community Projects - South Kanara - Rural Water Supply - Sinking of a drinking water well in S.No.74/2C of Kollur village - Estimate submitted.

*****

The proposal is to construct a drinking water well in Assessed Waste Government land S.No. 74/2C of Kollur village at the site marked in the eye-sketch. The site has been inspected by the Health Inspector (C.P.) and is found to be suitable for the purpose. The proposed work is a one approved by the Project Advisory Committee.

There are a number of houses belonging to poor people in the locality. There is scarcity of good drinking water in this locality.

The estimated cost of the work is Rs. 2,020/- The people are prepared to bear 25% of the cost of the work. The rest of the cost amounting to Rs. 1,515/- has to be borne by the Community Project funds. I request that the estimate may be sanctioned for Rs. 1,515/-

The estimates in duplicate and the site sketch are enclosed.

To C.P. Technical
T/27.4.

PROJECT EXECUTIVE OFFICER.

27/4

Pub (CP. Audit) Dept.

(C No. 8444/53) Go. Ms. 1181. dt. 5-5-53

Abstract. Community Projects - S. South Kanara District - Drinking water Supply - Constructing a well in Kollur Village Estimate - Sanctioned

Read - From the PEO. Mangalore - Ref C. No 419/53/edt 25/4/53

Order -

Sanction is accorded to an expenditure not exceeding Rs 1500/- (Rupees One thousand five hundred only) being three fourths of the cost of Constructing a well for drinking water in R S No. 74/2-c of Kollur Village in Mangalore Taluk. The balance of Rs 500 required to complete the work should be met by Contributions from the beneficiaries.

2. The expenditure should be debited to "63B. Community Development Projects. II Community Projects - e Health and rural sanitation (including drainage and water Supply) - 4. Works."

3. The Project Executive Officer, Mangalore, should get the work executed according to the plan and estimate herewith returned approved and submit a completion report to Govt. in due course

By order etc.

6/5/53

To The PEO. Mangalore (with enclosures)
To The A.G. (Madras)
Copy to Pub (CE Accts) Dept.
... Pub (CP. Tech.) Dept
.... Sri A. Balakrishnan BABL (A.G. Madras) IA&AS

SF. 2.

3 months

C.B.

O/c of est. taken SF. 8.5.53

Entered in C.B. as item 55.

Issue MS/5

Note - Please see the letter from the PEO Mangalore at P1 CF. The PEO seeks sanction to an estimate for Constructing a public well in R.S. No 74/2-c of Kollur Village, at 3/4th of the estimated cost, the balance being the people's Contribution. The estimate has been scrutinized and is in order. The proposal is to dig a well of 8 ft diameter (ultimate). in gravel for 3 ft, laterite from 3 ft to 24 ft and in clay between depths 24 ft and 44 ft. Steining of laterite stones in cement mortar 1:5 will be provided where soft strata occur and the cutting in laterite will be limited to 8 ft in diameter. The 4 wells to be opened have been of steining and

with Cement mortar 1:5, ½" Thick. An traditional kerb of wood will be provided at the bottom, to keep the water sweet and also to prevent unequal settling of the Steining in the wet clay.

Water is expected to occur at a depth of 36 ft, and the well may thus have a minimum of 4 ft of water. The water level and soil particulars are ascertained by reference to nearby wells.

The site chosen is Govt. land - assessed waste and has been certified as fit, by the Health Inspector

The Budget Estimate provides for the Construction of 33 wells during the Current year, at an average expenditure of Rs 2000 each. Five wells have so far been sanctioned for execution at an expenditure of Rs. 10,348.

This work may therefore be sanctioned, as it has also been approved by the project advisory Committee.

The draft order overleaf may please be approved and the estimate also may be signed at endorsements

Kept below

Entered in the register of Drawings

Noted in register

[Differs as G.O. No 1181 & 5.5.53]

Report to accompany the estimate for Constructing a well 8'0 Dia at Kelleh in RS74/2C. Est Rs 20000/-

The necessity for the well and the Contribution Statistics available is furnished by the Ho in the report enclosed.

The estimate provides for Constructing a well of 8'0 Dia and 40'0 deep at Kelleh. The depth of the well in this locality is generally 40'0 and water is tapped at 35'0. The soil Condition is gravel for the first 3'0, laterite for 3'0 to 24'0 and Clay mixed with gravel from 24'0 to 40'0. Hence laterite masonry staining 1'0 thick is proposed from 0 to 3'0, 24 to 34'0 and 1-3" Thick from 34'0 to 40'0. Wooden kurb likely of jelly wood or any other approved wood to 1-6"x3" with necessary bolts as per drawing is proposed. As open wells are excavated with wooden kurbs no provision is made for sinking.

Necessary provision is made for parapet wall of 3'0 x 1'0 with pillar 1-6 x 1-6 x 3'0 and Cement top for fixing beams. One bay is provided with a 4'0 wide platform with side retaining walls. Necessary provision is also made for foot rests for lifting and for baling out water etc.

Supervisor Overseer

DETAILED ESTIMATE. 421,104—17-11-52. C.F. 150 (1).

District Constructing a 8'-0 Dia well at Kollam.

Village and Survey per R874/2c. Taluk

Name and number of work

Date and cost of original construction

Date and cost of last repairs

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1. Earth work - open well excavation Complying with relevant Clauses of SS vide sentence						
1st depth 0-3'-0 in gravel.	1	$\frac{22}{7} \times \frac{10 \times 10}{4}$		3-0	236 or 250 cft	
2. " 1st " 3'-0 to 6'-0 in Laterite.	1	$\frac{22}{7} \times \frac{8 \times 8}{4}$		3-0	151 or 160 cft	
3. 2nd " 6'-0 to 12'-0 - Do -	1	$\frac{22}{7} \times \frac{8 \times 8}{4}$		6-0	302 or 310	
4. 3rd " 12-0 to 18'-0 - Do -	1	$\frac{22}{7} \times \frac{8 \times 8}{4}$		6-0	302 or 310	
5. 4th " 18-0 to 24'-0 - Do -	1	$\frac{22}{7} \times \frac{8 \times 8}{4}$		6-0	302 or 310	
6. 5th " 24-30 in clay mixed with gravel.	1	$\frac{22}{7} \times \frac{10 \times 10}{4}$		6-0	472 or 500 cft	
7. 6th 30-34' Do.	1	$\frac{22}{7} \times \frac{10 \times 10}{4}$		4-0	314	
" 34-36 Do	1	$\frac{22}{7} \times \frac{10\text{-}6 \times 10\text{-}6}{4}$		2-0	173	
					487 or 500	
8. 7th depth 36'-0 to 40-0 Do	1	$\frac{22}{7} \times \frac{10\text{-}6 \times 10\text{-}6}{4}$		4-0	346 or 350	
9. Supplying and fixing best Country wood (Jelly wood) kerbs with necessary bolts etc complete.	1	$\frac{22}{7} \times 9\text{-}6 \times 1\text{-}6$		0-3	11.2 or 12 cft	
10. Hard Laterite masonry in Cement mortar 1:5 using radially cut stones.						
Top coping parapet	1	$\frac{22}{7} \times 9\text{-}0 \times 1\text{-}0$		6-0	170	
from 24 to 34'-0	1	$\frac{22}{7} \times 9\text{-}0 \times 1\text{-}0$		10-0	283	
34'-0 to 40'-0	1	$\frac{22}{7} \times 9\text{-}3 \times 1\text{-}3$		6-0	218	
Retwall	1	$\frac{22}{7} \times 18\text{-}9 \times 0\text{-}9$		2-0	88	
"	1	$\frac{22}{7} \times 18\text{-}9 \times 1\text{-}6$		0-6	44	
					803 or 825 cft	
11. Laterite masonry in Cement mortar 1:5 for drains and pillars						
Pillars	3	1-6	1-6	4-0	27	
Drain Cover	1	15-0	2-6	0-6	69	
"	1	15-0	2-0	1-6	45	
extra if required					9	
					100 cft.	
12. Concrete Rubble stone in Cement mortar 1:2:4.						
for pillar top.	3	1-6	1-6	1-6	10 cft.	
13. Plastering with Cement mortar 1:5 — ½" thick						
Steining inside	1	22 x 8-0	x	34-0	855	
Parapet	1	22 x 9-0	x	1-0	198	
Retwall	1	22 x 18-9	x	2-0	118	
Pillars	3	6-0	4-0		72	
Drains	1	15-0	5-0		75	
					1318 or 1325 sft	

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
14) Flooring with Cement Concrete 1:2:4, 6" thick and top finished by trowelling ~~with Cement mortar 1:2 ½" thick~~ Platforms	1	22/7 × 4-0 × 4-0			176 cft	180 sft
15. Best Coachwood wrought and put up for bearers	3	9-0	0 4	0 6	4.5 cft	5 sft
16. Supplying and fixing Cast iron hooks	3 Nos				3 Nos	
17. Supplying and fixing foot rests	iron foot rests using ½" sq rods C shaped				15 Nos	
18. Extra for boring out holes and for any cement for iron work						lis —
19. Petty Supervision and Contingencies						lis —

Thomas Hall
Inspector C.F. Mooloolaba.

P.W.D. V.—88—1,54,880—10-6-41

Data sheet to accompany the estimate for Construction of a well 8'0 Dia at Kollem in R8 24/2C.

Quantity.	Description of work	Rate.	Per.	Amount.	Total
	1. Earth work excavation for Open Well Foundation including relevant Clauses of well sinking.	Rs. A. P.		Rs. A. P.	
1000 cft	18'-0 to 24'-0 in gravel	18 14 -	1000 cft	18 14 -	
2)	Do. 18'-0 to 18'-0 in Laterite	28 14 -	"	28 14 -	
3.	Do. 2nd " 6'-0 to 12'-0 Do.	43 5 -	"	43 5 -	
4.	Do. 3rd 12-18'-0 Do.	65 - -	"	65 - -	
5.	Do. 4th 18-24'-0 Do.	97 7 -	"	97 7 -	
6.	Do. 5th 24'-30'-0 in clay & Do. in gravel	95 7 -	"	95 7 -	
7.	Do. 6th 30'-36' Do.	143 5 -	"	143 5 -	
8.	Do. 7th 36-0 to 40'-0 Do.	215 - -	"	215 - -	
	9. Supplying and fixing nelly wood or any other approved wood in kerbs with necessary bolts etc complete.				
1 cft	Country wood	7 4 -	1 ct	7 4 -	
1/2	Carpenter	3 6 -	each	1 14 -	
1/4	Mason Mazdoor	1 8 -	"	- 6 -	
LS	for bolts and nuts	LS		0 12 -	
1 cft	Teak 25 MMR	63 2 -	100 cft	- 10 4	
	Sundries			- 4 11	
				11 12 -	11/-
	10) Hand Laterite masonry in C.M. 1:5 for dwarf and pillars				
110 cft	Laterite	58 - -	1000	63 12 9	
18 cft	Sand	2 8 -	"	- 7 2	
18/5	Cement	87 8 -	1 bag	12 9 7	
18 cft	Mixing Charges	4 8 -	100 cft	- 12 11	
2 Nos	Beldar Layers	3 2 -	each	6 4 -	
5 Nos	Slave Coolies	3 2 -	"	15 10 -	
2 Nos	Mason Mazdoors	1 8 -	"	3 - -	
4 Nos	Woman "	0 12 -	"	3 - -	
1	Mate Head mason	3 2 -	"	3 2 -	
110 cft	Laterite 1 1/2 F head load	5 4 -	100 cft	5 13 5	
18 cft	Sand 3 1/2 MMR	18 12 -	"	3 6 -	
18/5	Cement 25 MMR	65 12 6	"	2 5 11	
	Sundries			- 4 3	
				120 8 -	
	11) Hand Laterite masonry in C.M. 1:5 using radially cut stones for steining.				
100 cft	Rate as above	120 8 -	1000	120 8 -	
	add extra 1 Slave Coolie	3 2 -	each	3 2 -	
	1 Sundries			- 2 .	
				123 12 -	

P.W.D. V.—89—1,55,860—20-6-54.

Data sheet to accompany the estimate for———————

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per.	Amount. Rs.	A.	P.	Total
12)	Concrete Grotan Clean using 3/4" metal.								1:2:4
96 cft	metal 3/4" size	42	-	-	100 cft	40	5	1	
48 cft	Sand - - - -	2	8	-	"	1	3	3	
24 cft	Cement - - -	87	8	-	1 Ton	84	-	-	
1 No	Mason 2nd class.	2	12	-	each	2	12	-	
6 Nos	Man Magdoor...	1	8	-	"	9	-	-	
10 Nos	Woman " - -	-	12	-	"	7	8	-	
96 cft	metal IMCT.	8	7	-	100 cft	8	1	7	
48 cft	Sand as above.	18	12	-	"	9	-	-	
24 cft	Cement "	65	12	6	"	15	12	7	
	Sundries					-	5	6	
						178	4	-	178/-
13)	Plastering with Cement mortar 1:5. ½" thick.								
5 cft	Sand - - - -	2	8	-	100 cft	-	2	-	
1 cft	Cement.	87	8	-	1 Ton	3	8	-	
1 No	Brick layer 2nd	2	12	-	each	2	12	-	
½	Man Magdoor . .	1	8	-	"	-	12	-	
1	Woman -Do.	-	12	-	"	-	12	-	
5 cft	mixing Charges	4	8	-	100 cft	-	3	7	
5 cft	Sand as above	18	12	-	"	-	15	-	
1 cft	Cement -Do.	65	12	6	"	-	10	6	
	Sundries					-	4	11	
						10	0	-	10/-
14)	Flooring with Cement Concrete 1:2:4. 4" thick and top finishing & trowelling on the above 1:2 ½" thick								
33⅓ cft	metal 1½" size	23	-	-	100 cft	7	10	8	
16⅔ "	Sand	2	8	-	"	-	6	8	
40⅙	Cement.	87	8	-	1 Ton	14	9	4	
⅓ × ½	Mason.	2	12	-	each	0	7	4	
5/3 Nos	Man Magdoor.	1	8	-	"	2	8	-	
4/3	Woman "	0	12	-	"	1	0	0	
33⅓	metal as above	8	7	-	100 cft	2	13	-	
16⅔	Sand "	18	12	-	"	3	2	-	
40⅙	Cement "	65	12	6	"	2	11	9	
16⅔ cft	mixing mortar	14	8	-	100 cft	2	12	0	
100 sft	Plastering finishing	2	12	-	"	1	6	0	
½	mason 2nd		12	-	"	-	5	3	
						48	-	-	37-12-0
15)	Best Country soling laying and pointing								
1 cft	Country soal	7	4	-	1 Ton	7	4	-	
½	Carpenter	3	6	-	each	1	11	-	
½	Man Magdoor	1	8	-	"	-	6	-	
1 cft	lead as above	63	12	-	100 cft	-	10	6	
						-	-	11	

P.W.D. V.-89—1,44,869—30-6-31.

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	a.	P.	Per.	Amount. Rs.	a.	P.	Total
16)	Supplying and fixing 6" dia iron pulleys with necessary bolts, washers etc.								
each	Iron pulleys 6" dia	3	-	-	each	3	-	-	LR
Rs	Inch bolts & nuts					1	8	-	
						4	8	-	
17.	Supplying and fixing iron foot rests using								
2.505	½" sq rods bent & shaped		6	-	16	—	5	-	
Rs	as per manufacturer and fixing charges.					—	5	-	
						1	4	-	

Head statements

Granite - 1 MCT.
Laterite - 1½ F head load.
Cement - 25 MMR
Sand - 3½ MMR
Wood - 25 MMR

Certified that the rates and loads noted above are correct to the best of my knowledge.

Executive Engineer
Irrigation Works.

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ESTIMATE FORM—Abstract.

Item number. (1)	Quantity. (2)	Description of work.	Rate. (4)	Per (5)	Amount (6)	Total. (7)
		Partwork open well (3) Excavation Complying with relevant Clauses of Specification.	RS.		RS.	RS.
25 cft		1st depth 0 to 3' in gravel.	12/14	100 cft	5	5
1600 cft		1st D. 3-0 to 6-0 in Laterite.	25/14	"	5	5
3100 cft		2nd depth 6' to 12' -Do-	22/5	"	14	14
3100 cft		3rd Do. 12 to 18' Do.	65/-	"	20	20
310 cft		4th Do. 18-0 to 24' Do.	97/7	"	30	30
5000 cft		5th Do. 24' to 30' in clay mixed with gravel	95/9	"	48	48
5000 cft		6th Do. 30 to 36' Do. -Do-	142/5	"	72	72
350 cft		7th -Do. 36-0 to 40' Do. -Do.	215/-	"	75	75
12 ch		Supplying and fixing wellwood curb steel cutting work with necessary bolts.	11/-	1 ch	132	132
825 cft		Hand Laterite masonry in C.M. Str. 1:5 for steining	123/12	100 cft	1021	1021
1000 cft		Laterite masonry in C.M. 1:5 for foreign drawn	120/8	"	121	121
100 cft		Concrete broken stone in Cement mortar 1:2:4.	17/8	"	18	18
1325 sft		Plastering with Cement mortar 1:3 - 1/2" Thick	10/0	100 sft	133	133
180 sft		Flooring with Cement Concrete 1:4:8 - 4" Thick	37/12	"	68	68
5 cft		Best Country wood wrought and put up. Top finished by trowelling	10/-	1 cft	50	50
3 Nos		Supplying and fixing iron ~~footrests~~ bolts 6" dia	~~48~~ 28	"	14	14
18 Nos		Supplying and fixing iron foot steps -	4.28	"	23	23
LS-		Extra for taking out works and refixing removed items of work.		LS -	56	56
LS.		Petty supervision and Contingencies.		LS.	95	95
				Total.	2000	2000/-

S. Sundaram
Overseer
Supervising Works.

P.W.D. V-12 (Outer)—58,685—3-6-

(E. No. 31.)

CNo 8444
53.
Go Ms. 1181/ 5-5-53

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS).

Technically Scrutinized
L. Varkumpu
Supervisor C.P. 1.5.53

Estimated cost Rs 2,000/-
Amount of Contribution Rs 500/-
Amount of Sanction Rs 1500/-

ESTIMATE FORM—Abstract.

Financial head—

Budget head—

Departmental head—

Main head—

Sub-head—

Project of which the work forms part—

Section—

Name of work— Constructing a 8'0 Dia well at Koreen Gr. RS 74/2E.

Sanctioned for Rs 1500/-
Rupees One thousand five hundred only)

O/C
5/5/53
For D. C.P
5/5/53. 1.5.53
C/35/53.

Amount of Estimate, Rs. 2000/-

To be carried out by—

REFERENCES.